

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027538.D
 Acq On : 18 Mar 2022 19:15
 Operator : JC/MD
 Sample : N1998-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 03:09:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

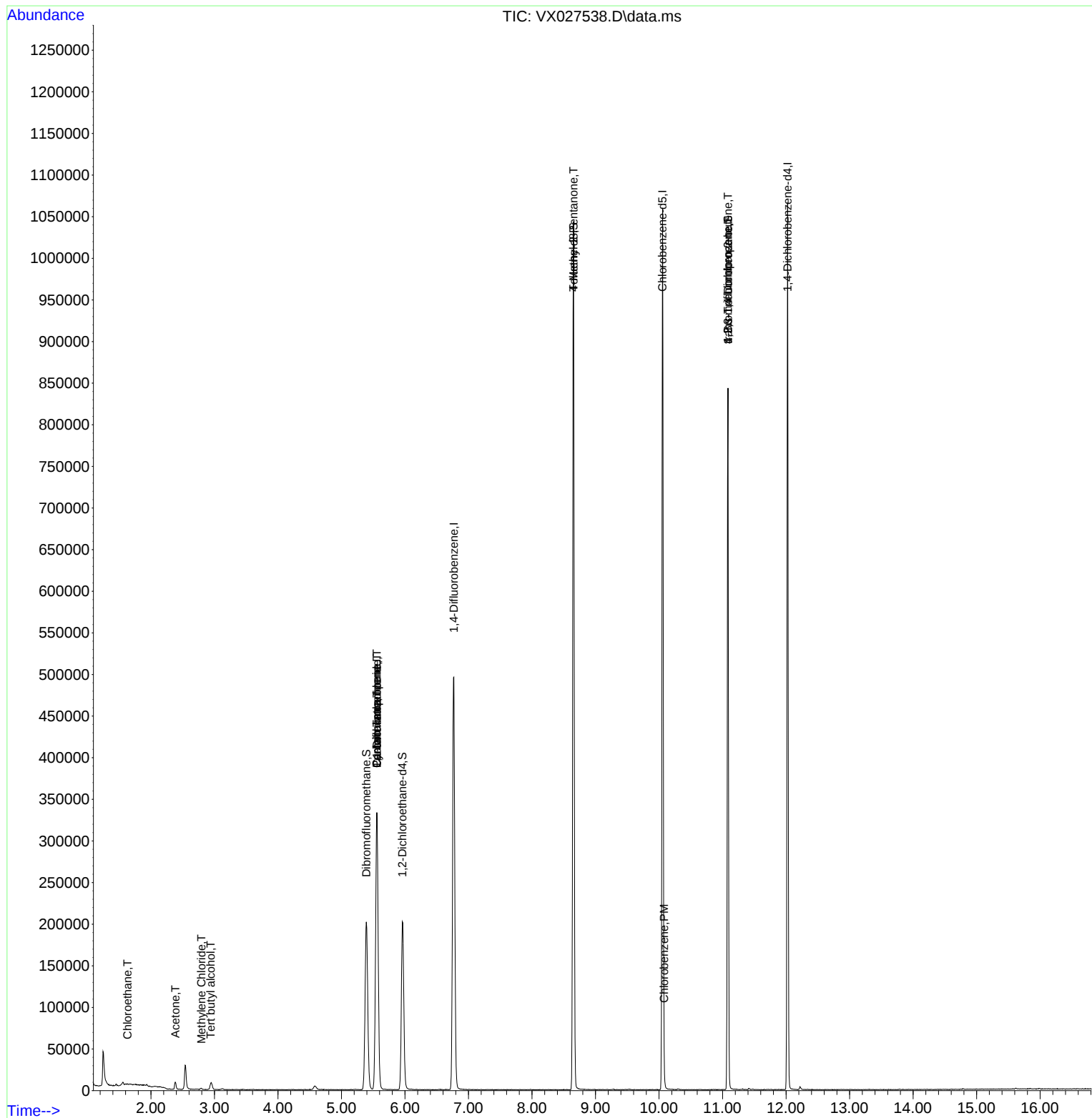
Internal Standards						
1) Pentafluorobenzene	5.556	168	325006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	539432	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	489588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	221970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	200785	50.149	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.300%	
35) Dibromofluoromethane	5.391	113	180902	52.124	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.240%	
50) Toluene-d8	8.653	98	635903	48.420	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.840%	
62) 4-Bromofluorobenzene	11.085	95	223241	46.247	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.500%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	514	Below Cal		99
6) Chloroethane	1.630	64	727	0.370	ug/l #	49
11) Tert butyl alcohol	2.940	59	5733	7.513	ug/l #	73
16) Acetone	2.386	43	9492	5.816	ug/l	96
20) Methylene Chloride	2.794	84	716	0.204	ug/l #	91
31) Cyclohexane	5.556	56	5799	1.166	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23696	4.996	ug/l #	49
38) Carbon Tetrachloride	5.556	117	32302	5.953	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	2425	0.499	ug/l #	1
65) Chlorobenzene	10.079	112	3455	0.343	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	107504	23.155	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	107504	70.322	ug/l #	15

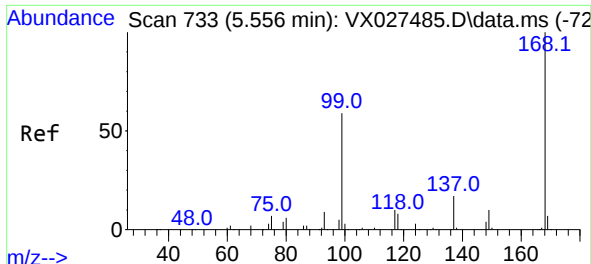
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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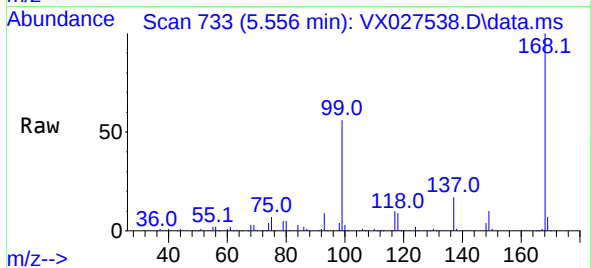
Quant Time: Mar 19 03:09:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration



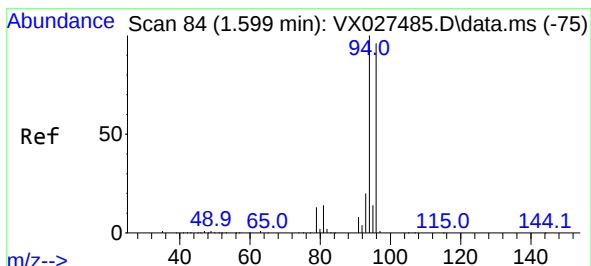
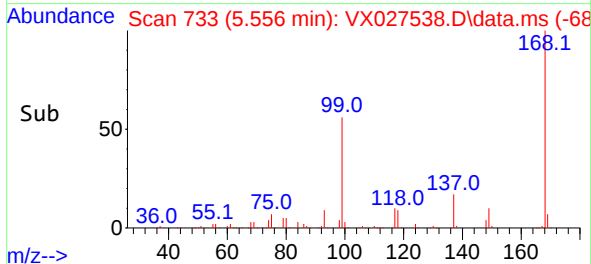
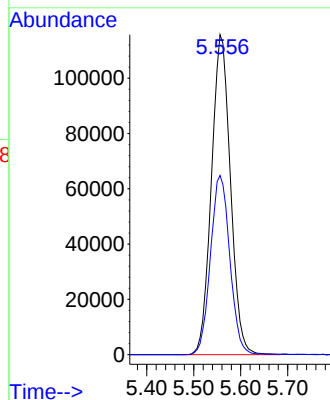


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

Instrument :
MSVOA_X
ClientSampleId :

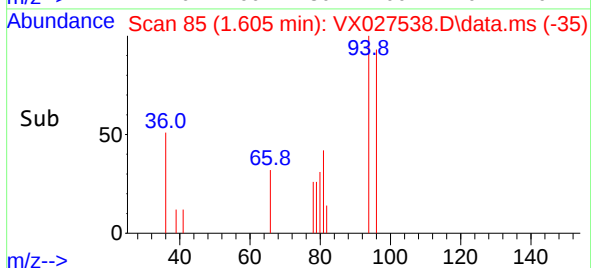
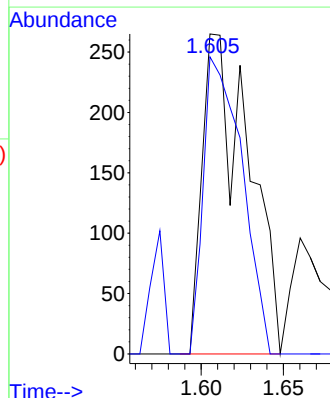
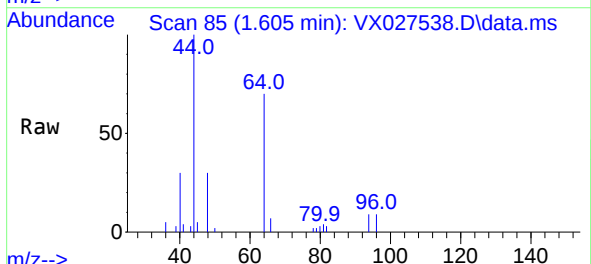


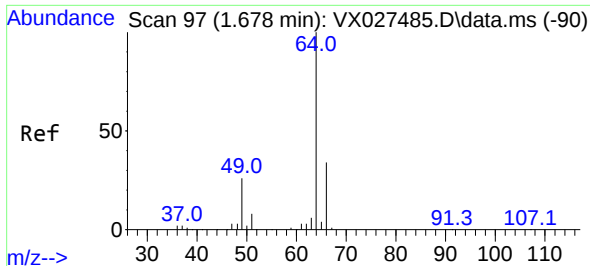
Tgt Ion:168 Resp: 325006
Ion Ratio Lower Upper
168 100
99 56.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

Tgt Ion: 94 Resp: 514
Ion Ratio Lower Upper
94 100
96 92.8 75.3 112.9

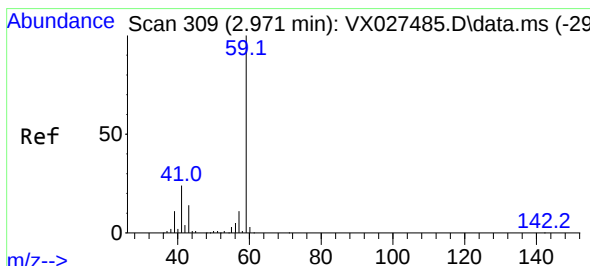
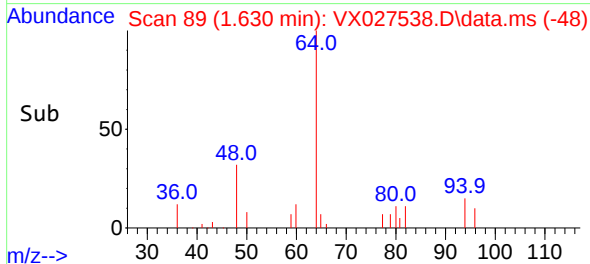
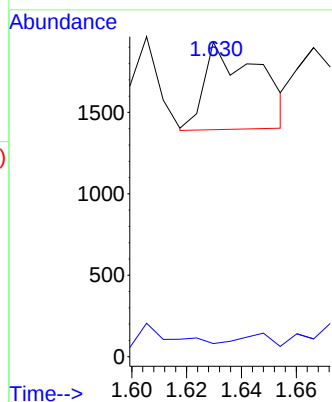
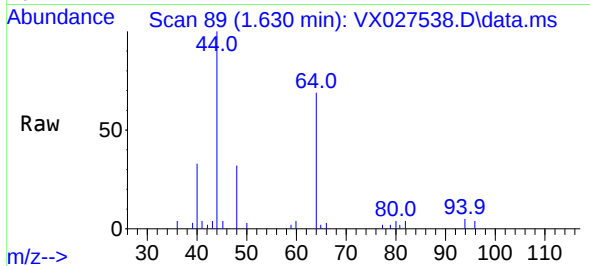




#6
Chloroethane
Concen: 0.370 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.049 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

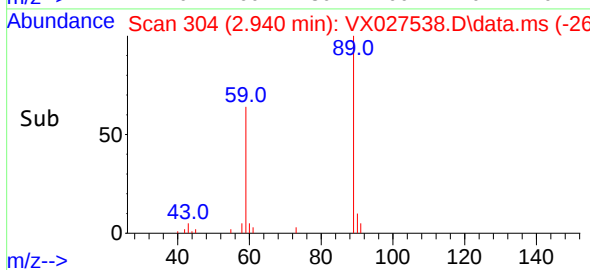
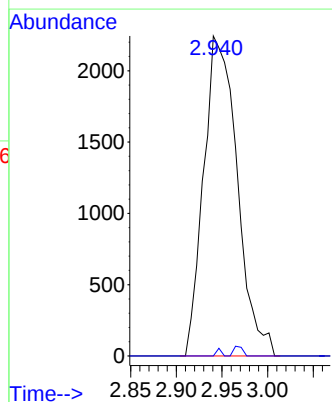
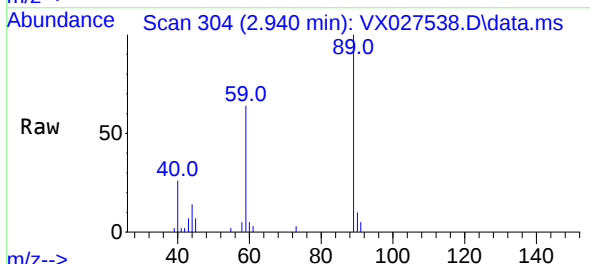
Instrument :
MSVOA_X
ClientSampleId :

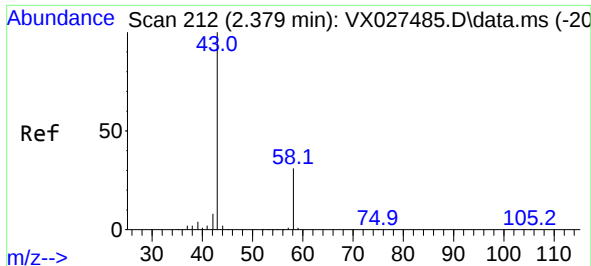
Tgt Ion: 64 Resp: 727
Ion Ratio Lower Upper
64 100
66 3.4 25.3 37.9#



#11
Tert butyl alcohol
Concen: 7.513 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.030 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

Tgt Ion: 59 Resp: 5733
Ion Ratio Lower Upper
59 100
57 0.3 8.3 12.5#

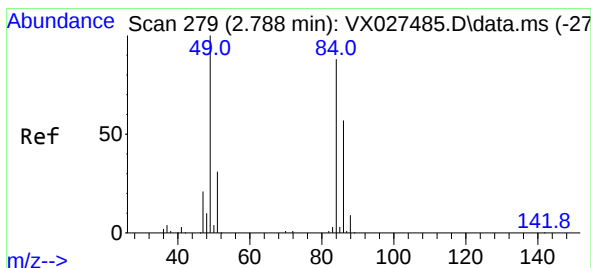
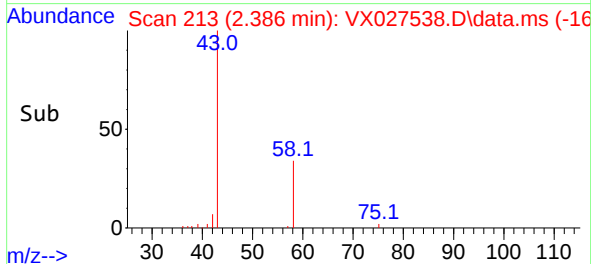
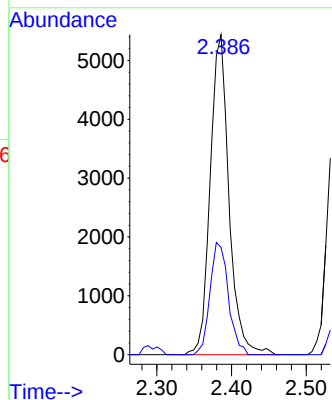
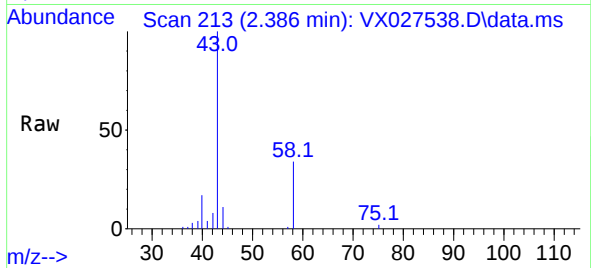




#16
Acetone
Concen: 5.816 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

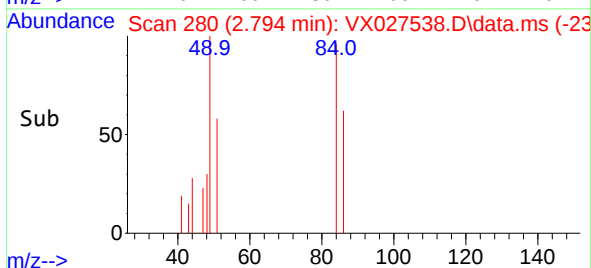
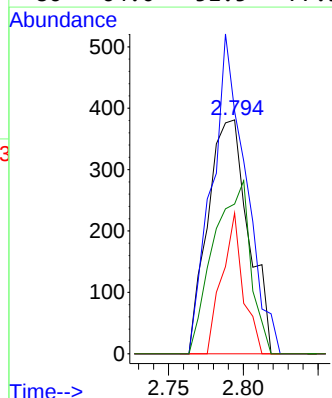
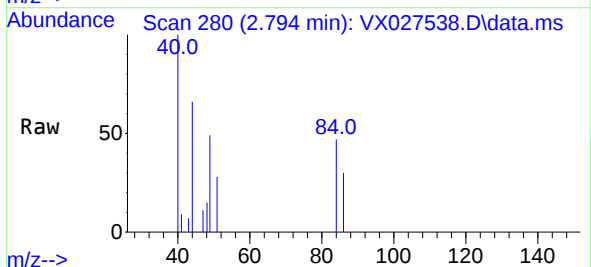
Instrument :
MSVOA_X
ClientSampleId :

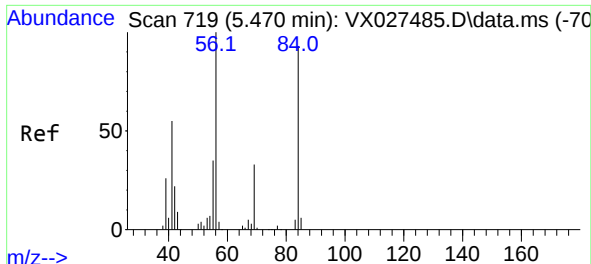
Tgt Ion: 43 Resp: 9492
Ion Ratio Lower Upper
43 100
58 33.6 28.8 43.2



#20
Methylene Chloride
Concen: 0.204 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

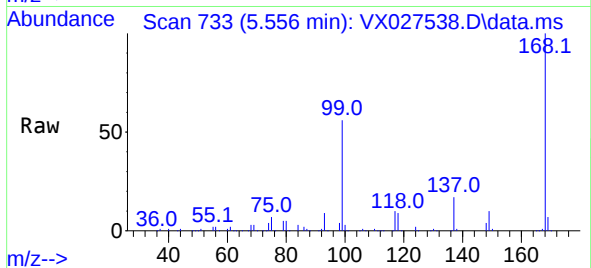
Tgt Ion: 84 Resp: 716
Ion Ratio Lower Upper
84 100
49 103.7 85.5 128.3
51 60.1 26.6 39.8#
86 64.0 51.5 77.3



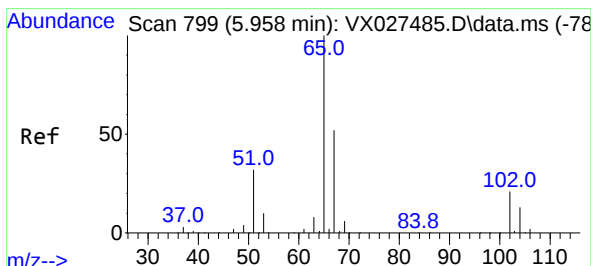
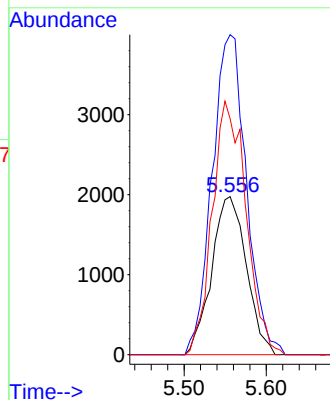
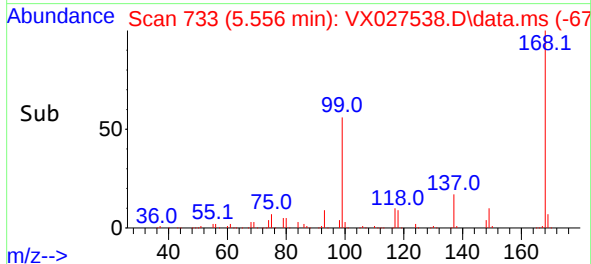


#31
Cyclohexane
Concen: 1.166 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

Instrument :
MSVOA_X
ClientSampleId :

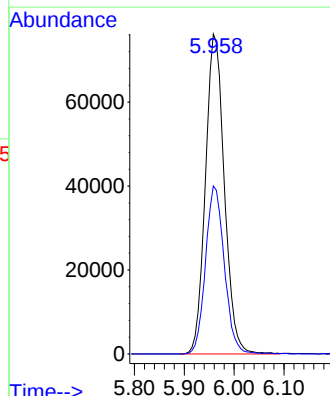
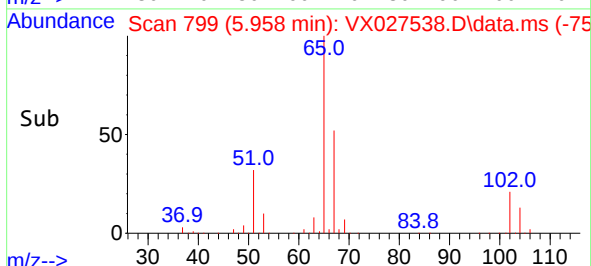
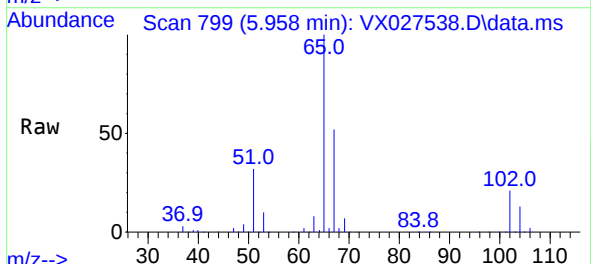


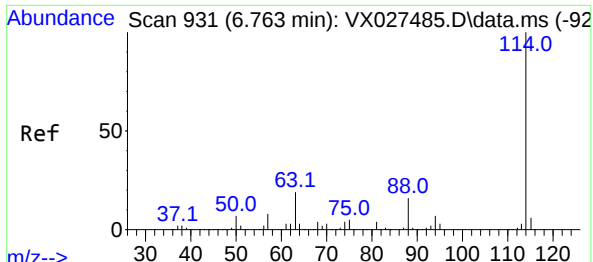
Tgt Ion: 56 Resp: 5799
Ion Ratio Lower Upper
56 100
69 202.5 26.7 40.1#
84 149.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.149 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

Tgt Ion: 65 Resp: 200785
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.4

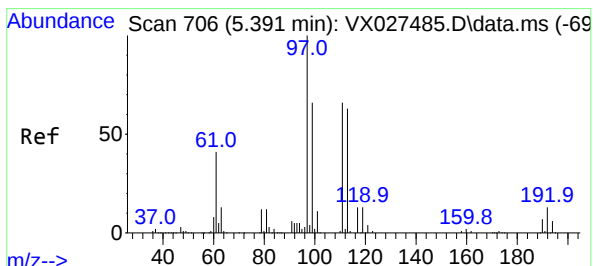
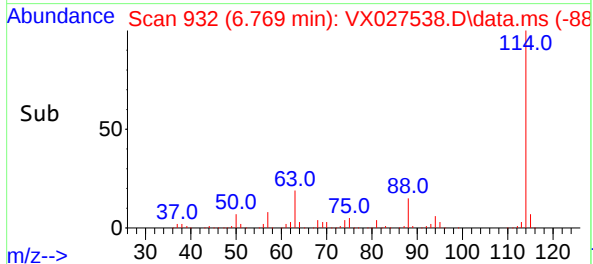
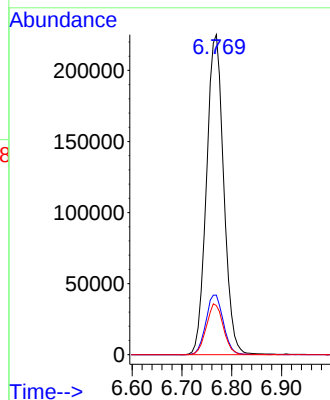
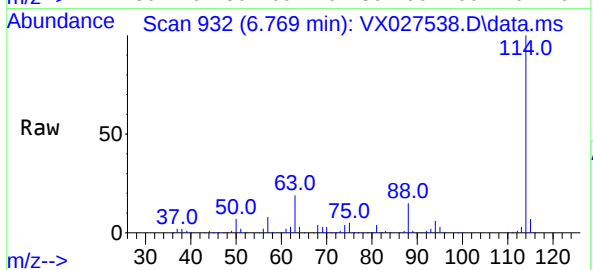




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

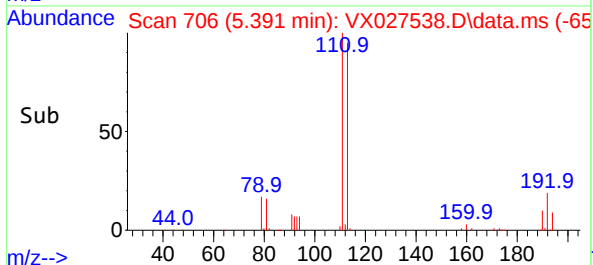
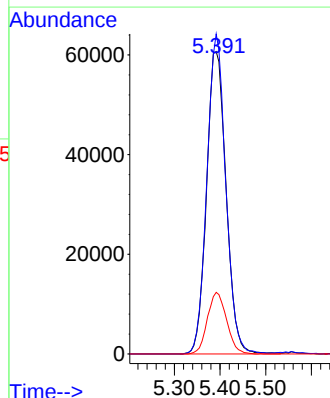
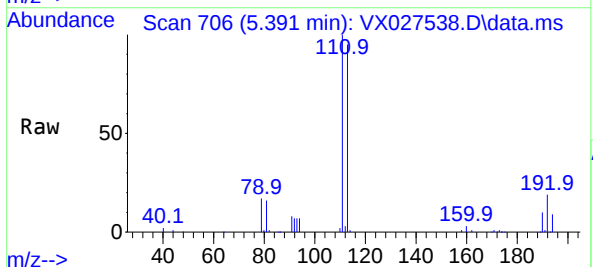
Instrument :
MSVOA_X
ClientSampleId :

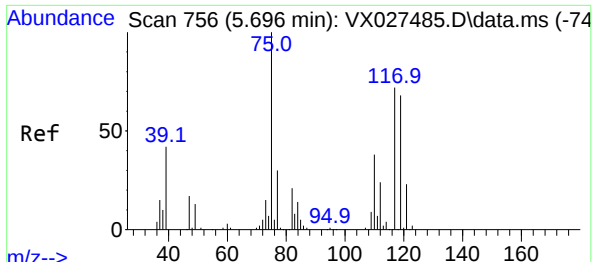
Tgt Ion:114 Resp: 539432
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 15.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.124 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

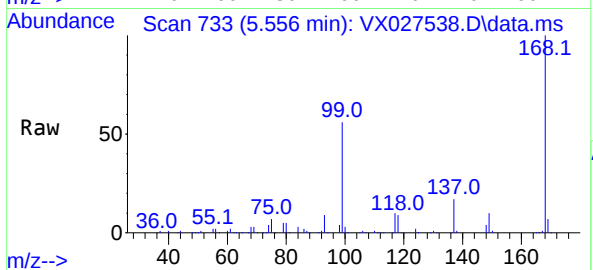
Tgt Ion:113 Resp: 180902
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 19.9 16.9 25.3



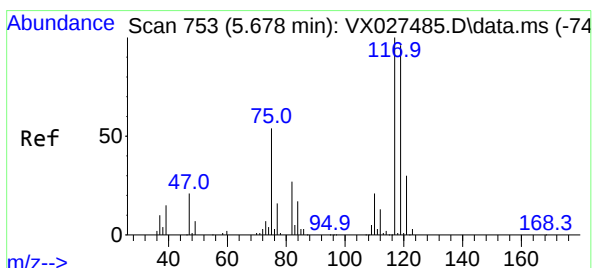
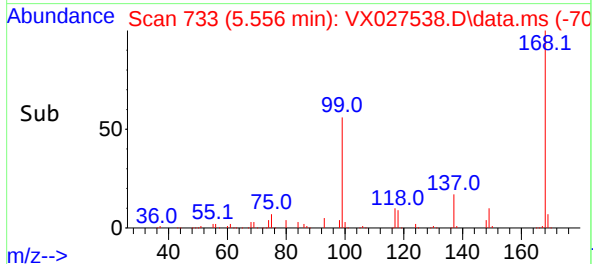
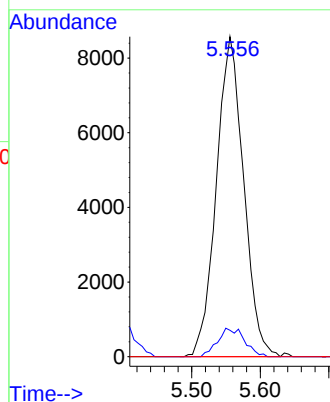


#36
1,1-Dichloropropene
Concen: 4.996 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

Instrument :
MSVOA_X
ClientSampleId :

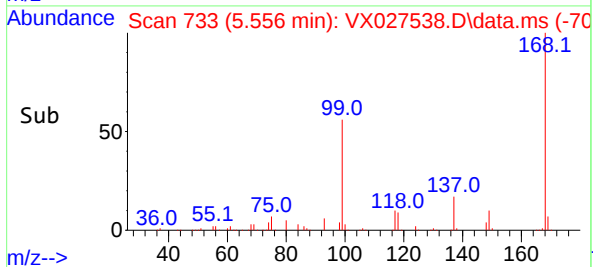
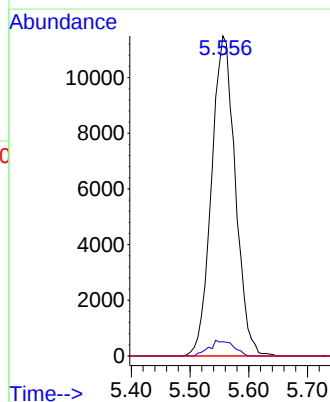
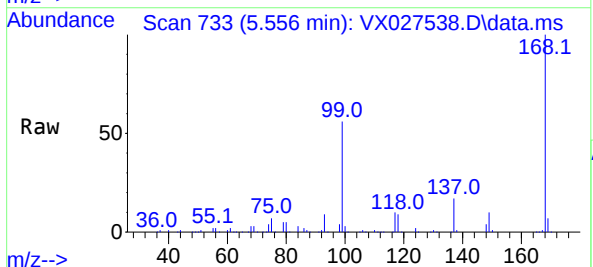


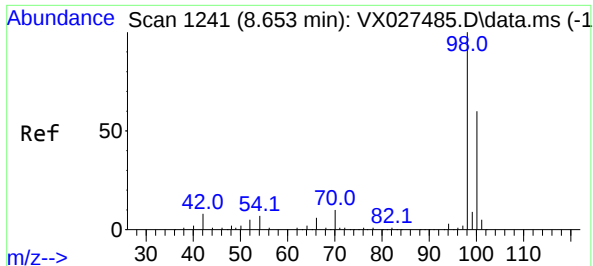
Tgt Ion: 75 Resp: 23696
Ion Ratio Lower Upper
75 100
110 8.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.953 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

Tgt Ion: 117 Resp: 32302
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#

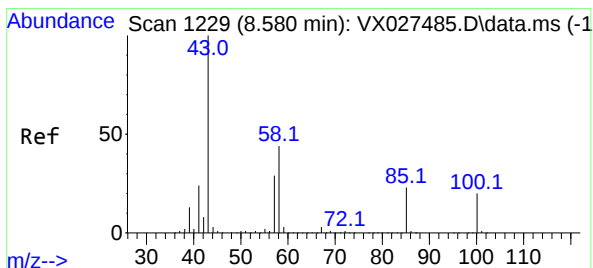
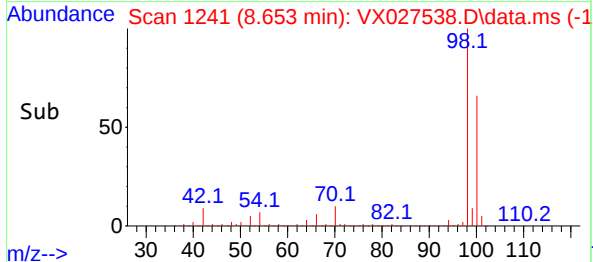
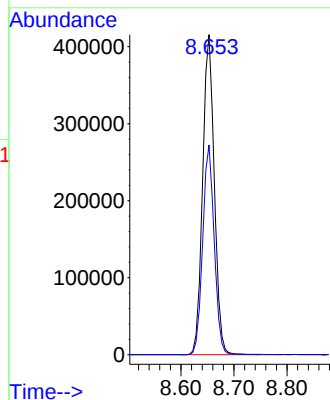
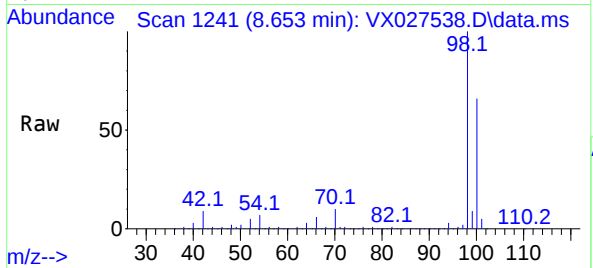




#50
Toluene-d8
Concen: 48.420 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

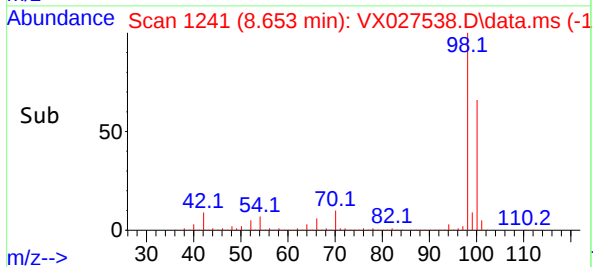
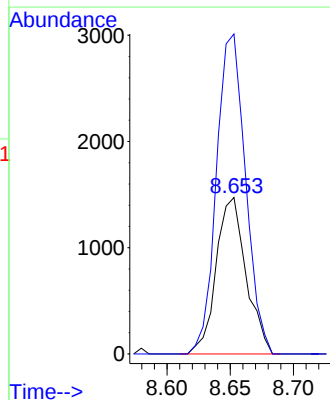
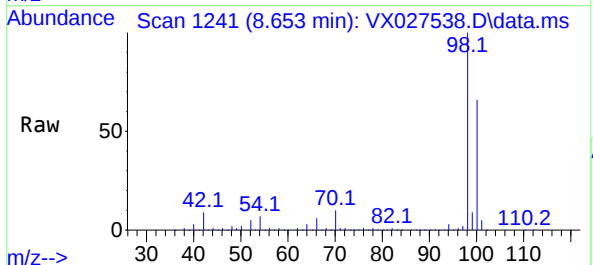
Instrument :
MSVOA_X
ClientSampleId :

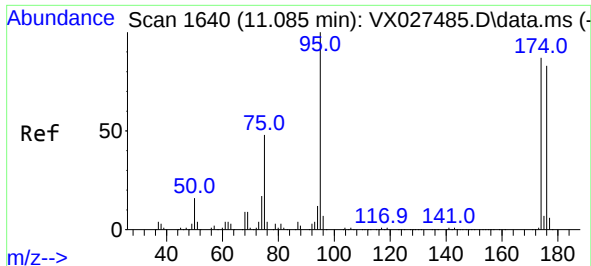
Tgt Ion: 98 Resp: 635903
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.499 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

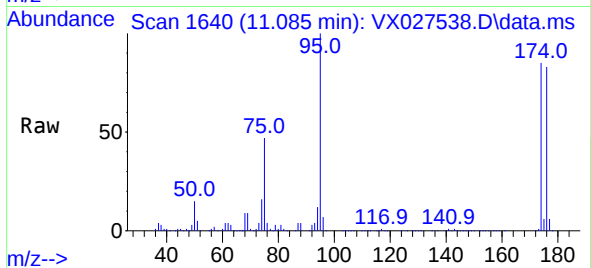
Tgt Ion: 43 Resp: 2425
Ion Ratio Lower Upper
43 100
58 198.6 36.1 54.1#



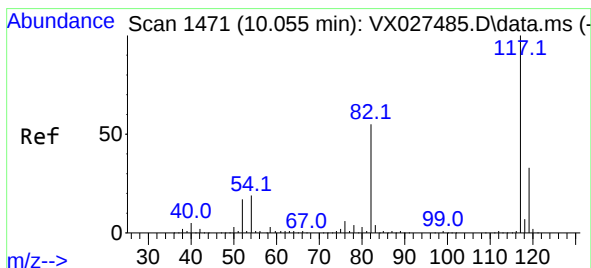
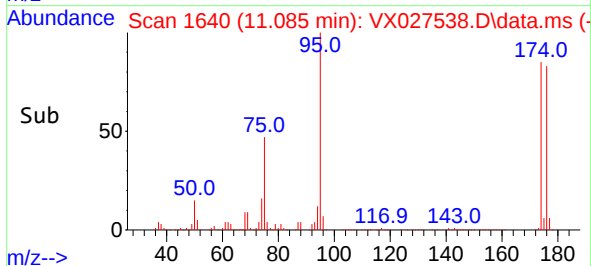
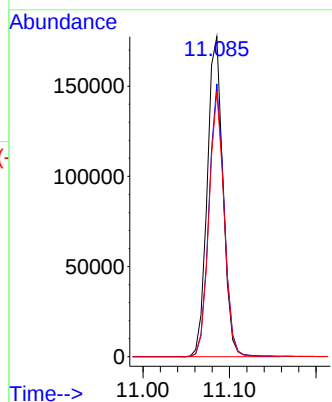


#62
4-Bromofluorobenzene
Concen: 46.247 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

Instrument :
MSVOA_X
ClientSampleId :

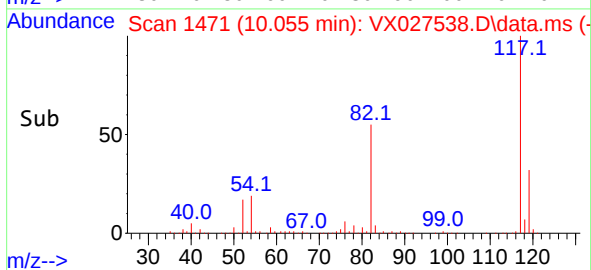
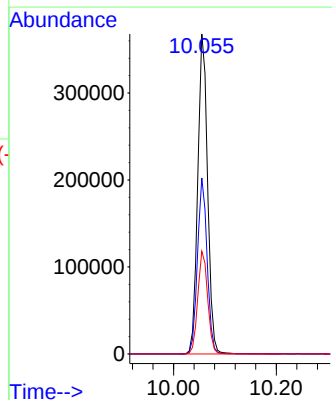
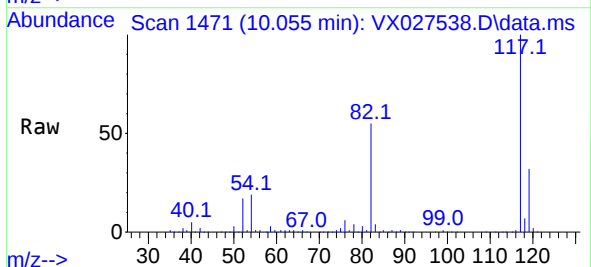


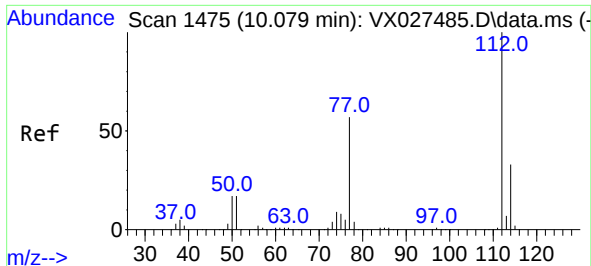
Tgt Ion: 95 Resp: 223241
Ion Ratio Lower Upper
95 100
174 82.6 0.0 163.0
176 79.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

Tgt Ion: 117 Resp: 489588
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.8
119 32.1 24.8 37.2

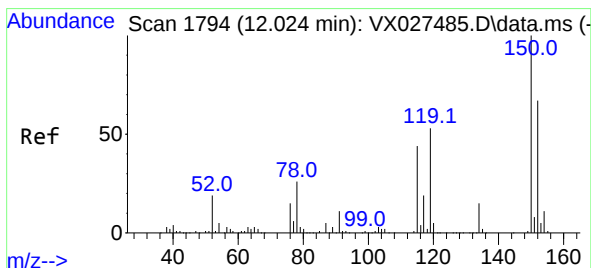
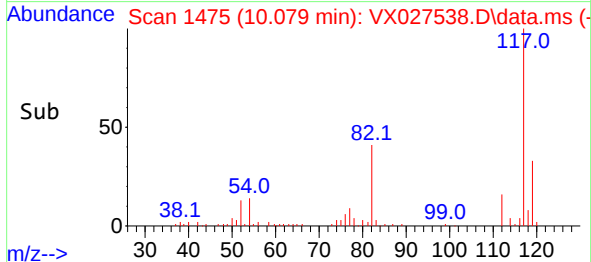
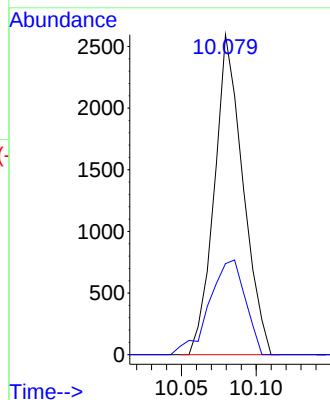
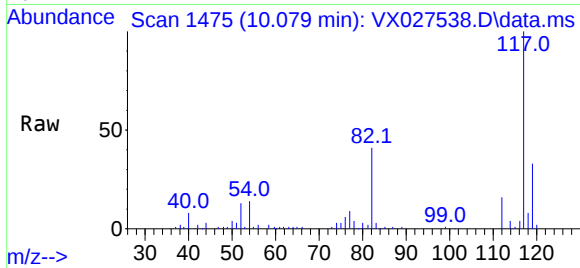




#65
Chlorobenzene
Concen: 0.343 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

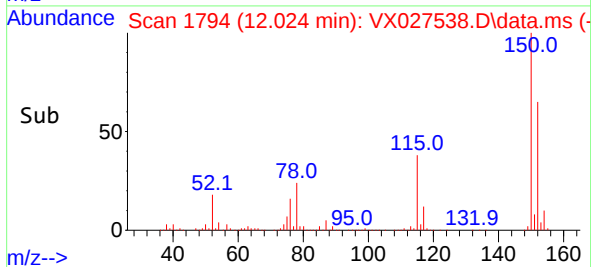
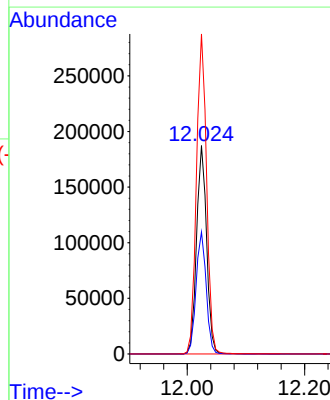
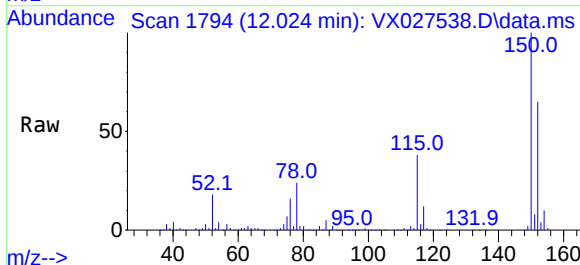
Instrument :
MSVOA_X
ClientSampleId :

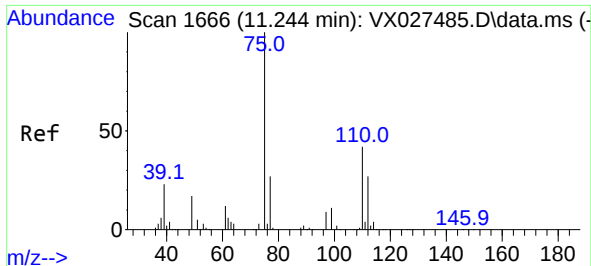
Tgt Ion:112 Resp: 3455
Ion Ratio Lower Upper
112 100
114 28.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

Tgt Ion:152 Resp: 221970
Ion Ratio Lower Upper
152 100
115 59.0 37.5 112.7
150 155.0 0.0 338.2

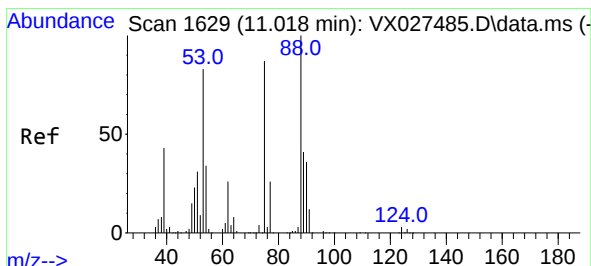
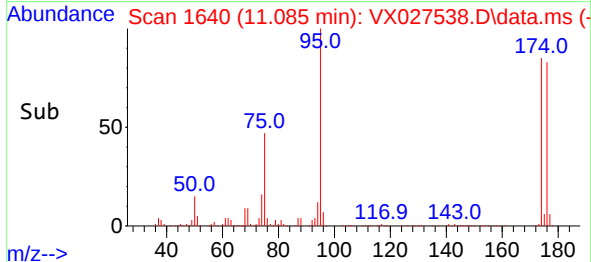
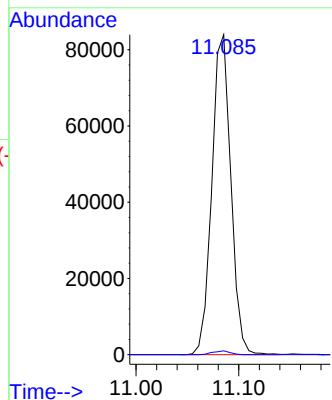
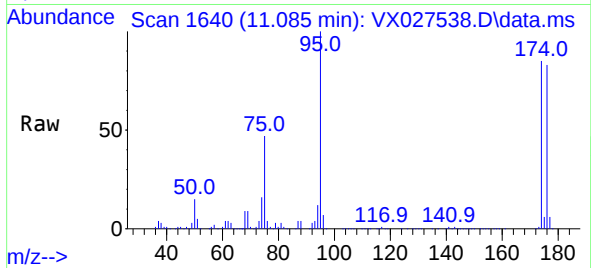




#76
1,2,3-Trichloropropane
Concen: 23.155 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 107504
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.322 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027538.D
Acq: 18 Mar 2022 19:15

Tgt Ion: 75 Resp: 107504
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

